

Claims

1. Voice recognition device, comprising
- a circuit (23, 24, 25) for acquiring a signal
5 comprising voice data originating from a user,
- means (22, 30) for detecting an end of voice
data signal generated by the intervention of the user,
- means (26) for analysing voice data capable
of modifying the evolution of the analysis as a
10 function of the end of voice data signal.

2. Device according to Claim 1, wherein the
means for analysing the voice data finalize the
analysis of the voice data previously stored on receipt
of the end of voice data signal.

15 3. Device according to Claim 1, wherein the
analysis means implement a Viterbi-type algorithm and
the traceback through the past states so as to
determine one or more sequences of words liable to
correspond to the voice data is commenced upon receipt
20 of the end of voice data signal.

4. Device according to Claim 1, wherein the
end of data signal is generated by manual activation of
a signal generation means (16) by the user.

5. Device according to Claim 4, wherein the
25 end of data signal generation means includes a switch
(16) of a remote control (1).

6. Device according to Claim 1, wherein the
signal comprising the voice data is received by
wireless transmission.

30 7. Remote control device (1) including a
microphone (13) for generating a signal comprising
voice data and circuits (14, 15) for sending the signal
comprising voice data, wherein furthermore comprising
user-actuatable means (11, 14, 15, 16) for generating
35 and for sending an end of voice data signal.

8. Device according to Claim 7, wherein the
end of voice data signal generation means comprise a
user-actuatable switch (16).

9. Device according to Claim 8, wherein the switch (16) is arranged in such a way as to control the operation of the circuits (14, 15) for sending the signal comprising voice data.

5 10. Device according to Claim 7, wherein the end of voice data signal consists of the changeover from the presence of carrier of the signal comprising voice data to the absence of carrier.

11. Voice recognition process, comprising the
10 steps:

- of acquiring a signal comprising voice data,
- of analysing the signal acquired with a view
to searching for words or for sequences of words
representative of the signal acquired, the analysis
15 comprising several successive phases,
- of conditioning of overstepping of at least
one phase on receipt of an end of voice data signal
triggered by a user.

12. Process according to Claim 11, wherein the
20 step of analysing the signal acquired includes a phase
of parallel determination of a plurality of words or of
sequences of candidate words representative of the
signal acquired, and a phase of choosing a word or a
sequence of words from among candidates.